

PTO/SB/08B (08-03)

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**Complete if Known**

**Application Number**

10/692,128

**Filing Date**

10/23/03

**First Named Inventor**

**William Kress Bodin**

**Art Unit**

3661

Examiner Name

Unknown

Sheet

1

of

1

Attorney Docket Number

AUS920030673US1

## NON PATENT LITERATURE DOCUMENTS

Examiner  
Initials\*Cite  
No. <sup>1</sup>

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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re

**SUTCLIFFE, et al.; Decentralised Data Fusion Applied to a Network of Unmanned Aerial Vehicles; Inspec AN 7289965; Feb. 2002; pp 71-76; Piscataway, NJ; USA**

**Examiner  
Signature**

Date  
Considered

3/14/00

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 4

**Complete if Known**

Application Number	10/692,128
Filing Date	10/23/2003
First Named Inventor	William Kress Bodin
Art Unit	3661
Examiner Name	Unknown
Attorney Docket Number	AUS920030673US1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
[Signature]		US- 5,890,441	04-06-1999	Swinson et al.	
		US- 6,056,237	05-02-2000	Woodland	
		US- 6,130,705	10-10-2000	Lareau et al.	
		US- 6,219,004 B1	04-17-2001	Johnson	
		US- 6,377,875 B1	04-23-2002	Schwaerzler	
		US- 6,498,968 B1	12-24-2002	Bush	
		US- 2001/0035995 A1	11-01-2001	Ruggiero	
		US- 5,581,250	12-03-1996	Khvilivitzky	
		US- 5,240,207	08-31-1993	Eiband et al.	
		US- 5,552,983	09-03-1996	Thornbert et al.	
		US- 5,716,032	02-10-1998	McIngvale	
		US-			
		US-			
		US-			
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		US-			
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		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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3/14/06

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		Filing Date	10/23/03
		First Named Inventor	William Kress Bodin
		Art Unit	3661
		Examiner Name	Unknown
Sheet 2 of 4	Attorney Docket Number	AUS920030673US1	

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<i>ml</i>		SUTCLIFFE, et al.; Decentralised Data Fusion Applied to a Network of Unmanned Aerial Vehicles; Inspec AN 7289965; Feb. 2002; pp 71-76; Piscataway, NJ; USA	
		JOHNSON, et al; Improving Geolocation and Spatial Accuracies with the Modular Integrated Avionics Group; Inspec AN 5467118; pp 88-97; April 1996; SPIE-Int. Soc. Opt.; England	
		GUNAPALA, et al.; QWIP Technology for Both Military and Civilian Applications; Inspec AN 7255522; April 2001; pp 498-505; SPIE-Int. Soc. Opt.; England	
		SPENNY, et al; Closely Supervised Control of a Target-Steered UAV; Inspec AN 6652724; Sept 1999; pp179-190; SPIE-Int. Soc. Opt.; England	
		RQ-1 Predator Unmanned Aerial Vehicle; May 2002; pp 1-3; U.S. Air Force Fact Sheet; USA	
		GORMLEY, et al; Controlling Unmanned Air Vehicles: New Challenges; March 2003; pp 1-21; Commissioned by the Non-Proliferation Education Center; USA	
		YOUNG; Unmanned Aerial Vehicles Web Site; pp 1-2; NASA GSFC/Wallops Flight Facility, Wallops Island, VA; USA	
		Unmanned Aircraft.com Website; <a href="http://www.unmannedaircraft.com/">http://www.unmannedaircraft.com/</a>	
		STELLMAN, et al.; War Horse; April 2001; Inspec. AN 7295892; Vol 4379; pp 339-346; SPIE-Int. Soc. Opt.; USA	
<i>ml</i>		DITTRICH, et al.; 21st Digital Avionics Systems Conference; October 2002; Inspec. AN 7614545; Vol 2; IEEE; Piscataway, NJ; USA	

Examiner Signature	<i>[Signature]</i>	Date Considered	3/14/08
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Filing Date	10/23/03
First Named Inventor	William Kress Bodin
Art Unit	3661
Examiner Name	Unknown
Attorney Docket Number	AUS920030673US1

Sheet

3

of

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>kl</i>		DITTRICH; Design and Integration of an Unmanned Aerial Vehicle Navigation System; Thesis; May 2002; pp i-52; Georgia Institute of Technology; USA	
		Figure 8: Data link module with removed side panel; pp 18-37; USA	
		Figure 17: Simulated GPS malfunction, on the ground, 15 sec; 38-52; USA	
		SOMERS; Unmanned Aerial Vehicle - Demonstration of Autonomous Flight, 09-9822; 1999 IR&D Home; pp 1-4; USA	
		BROWN, et al.; Airborne Reconnaissance XXIII; July 1999; pp 2-8; Vol. 3751; SPIE-Int. Soc. Opt; England	
		NETTLETON, et al.; Multiple Platform Localization and Map Building; Nov 2000; pp 337-347; Inspec AN 6979413; SPEI-Int. Soc. Opt. Eng; US	
		SCHUMACHER et al.; Adaptive Control of UAVs in Close-coupled Formation Flight; 2000; pp 849-853; Insp An 6770904; vol 6 Danvers, MA; US	
		SINGH et al; Adaptive Feedback Linearizing Nonlinear Close Formation Control of UAVs; 2000; pp 854-858; Inspec AN 6770905; vol 2; Danvers, Ma; US	
		21st Digital Avionics Systems Conference; 2002; Inspec AN 7614402; vol 1; IEEE; Piscataway, NJ; US	
<i>kl</i>		HALLBERG, et al.; Development of a Flight Test Systems for Unmanned Air Vehicles; Feb 1999; pp 55-65; IEEE vol. 19; Inspec AN 6176739; Monterey, CA; US	

Examiner Signature	<i>[Signature]</i>	Date Considered	3/14/08
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**INFORMATION DISCLOSURE  
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Sheet 1

of 4

**Complete if Known**

Application Number	10/692,128
Filing Date	10/23/2003
First Named Inventor	William Kress Bodin
Art Unit	3681
Examiner Name	Unknown
Attorney Docket Number	AUS920030673US1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ul		US- 5,890,441			
		US- 6,056,237			
		US- 6,130,705			
		US- 6,219,004			
		US- 6,377,875			
		US- 6,498,968			
		US- 2001/0035995			
		US- 5,581,250			
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FOREIGN PATENT DOCUMENTS					
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**INFORMATION DISCLOSURE  
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**Complete if Known**

Application Number	10/692,128
Filing Date	10/23/2003
First Named Inventor	William Kress Bodin
Art Unit	3661
Examiner Name	Unknown
Attorney Docket Number	AUS920030673US1

Sheet

2

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4

**NON PATENT LITERATURE DOCUMENTS**

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<i>ad</i>		SUTCLIFFE, et al.; Decentralised Data Fusion Applied to a Network of Unmanned Aerial Vehicles; Inspec AN 7289965; Feb. 2002; pp 71-76; Piscataway, NJ; USA	
		JOHNSON, et al; Improving Geolocation and Spatial Accuracies with the Modular Integrated Avionics Group; Inspec AN 5467118; pp 88-97; April 1996; SPIE-Int. Soc. Opt.; England	
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		SPENNY, et al; Closely Supervised Control of a Target-Steered UAV; Inspec AN 6652724; Sept 1999; pp179-190; SPIE-Int. Soc. Opt.; England	
		RQ-1 Predator Unmanned Aerial Vehicle; May 2002; pp 1-3; U.S. Air Force Fact Sheet; USA	
		GORMLEY, et al; Controlling Unmanned Air Vehicles: New Challenges; March 2003; pp 1-21; Commissioned by the Non-Proliferation Education Center; USA	
		YOUNG; Unmanned Aerial Vehicles Web Site; pp 1-2; NASA GSFC/Wallops Flight Facility, Wallops Island, VA; USA	
		Airborne Autonomous Systems....where information technology and aviation meet; Unmannedaircraft.com Website; July 22, 2003; pp 1-17; USA	
		STELLMAN, et al.; War Horse; April 2001; Inspec. AN 7295892; Vol 4379; pp 339-346; SPIE-Int. Soc. Opt.; USA	
<i>ad</i>		DITTRICH, et al.; 21st Digital Avionics Systems Conference; October 2002; Inspec. AN 7614545; Vol 2; IEEE; Piscataway, NJ; USA	

Examiner Signature	<i>[Signature]</i>	Date Considered	3/14/08
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

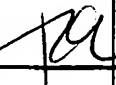

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First Named Inventor	William Kress Bodin
Art Unit	3661
Examiner Name	Unknown
Attorney Docket Number	AUS920030673US1

Sheet 3 of 4

**NON PATENT LITERATURE DOCUMENTS**

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		Figure 8: Data link module with removed side panel; pp 18-37; USA	
		Figure 17: Simulated GPS malfunction, on the ground, 15 sec; 38-52; USA	
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Substitute for form 144B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## Complete It Known

<b>Application Number</b>	10/892,128
<b>Filing Date</b>	10/23/2003
<b>First Named Inventor</b>	William Kress Bodin
<b>Art Unit</b>	3681
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	AUS920030673US1

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Attorney Docket Number	AUS920030673US1
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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/692,128
Filing Date	10/23/2003
First Named Inventor	William Kress Bodin
Art Unit	3661
Examiner Name	Unknown
Attorney Docket Number	AUS920030673US1

Sheet	1	of	3
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## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner Signature	<i>Michael G</i>	Date Considered	<i>3/14/06</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP §01.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

<b>Application Number</b>	10/692,128	
	<b>Filing Date</b>	10/23/2003
	<b>First Named Inventor</b>	William Kress Bodin
	<b>Art Unit</b>	3661
	<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	AUS920030673US1	

Sheet 2 of 3

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SK		SUTCLIFFE, et al.; Decentralised Data Fusion Applied to a Network of Unmanned Aerial Vehicles; Inspec AN 7289965; Feb. 2002; pp 71-76; Piscataway, NJ; USA	
		JOHNSON, et al; Improving Geolocation and Spatial Accuracies with the Modular Integrated Avionics Group; Inspec AN 5467118; pp 88-97; April 1996; SPIE-Int. Soc. Opt.; England	
		GUNAPALA, et al.; QWIP Technology for Both Military and Civilian Applications; Inspec AN 7255522; April 2001; pp 498-505; SPIE-Int. Soc. Opt.; England	
		SPENNY, et al; Closely Supervised Control of a Target-Steered UAV; Inspec AN 6652724; Sept 1999; pp179-190; SPIE-Int. Soc. Opt.; England	
		RQ-1 Predator Unmanned Aerial Vehicle; May 2002; pp 1-3; U.S. Air Force Fact Sheet; USA	
		GORMLEY, et al; Controlling Unmanned Air Vehicles: New Challenges; March 2003; pp 1-21; Commissioned by the Non-Proliferation Education Center; USA	
		YOUNG; Unmanned Aerial Vehicles Web Site; pp 1-2; NASA GSFC/Wallops Flight Facility, Wallops Island, VA; USA	
		Airborne Autonomous Systems....where information technology and aviation meet; Time Magazine; May 22, 2000; pp 1-17; USA	
		SALLMAN, et al.; War Horse; April 2001; Inspec., Vol 4379; pp 339-346; SPIE-Int. Soc. Opt.; USA	
SK		DITTRICH, et al.; 21st Digital Avionics Systems Conference; October 2002; Inspec.; Vol 2; IEEE; Piscataway, NJ; USA	

<b>Examiner Signature</b>	<i>[Signature]</i>	<b>Date Considered</b>	3/14/06
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/692,128
		Filing Date	10/23/2003
		First Named Inventor	William Kress Bodin
		Art Unit	3661
		Examiner Name	Unknown
Sheet 3	of 3	Attorney Docket Number	AUS920030673US1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DITTRICH; Design and Integration of an Unmanned Aerial Vehicle Navigation System; Thesis; May 2002; pp i-52; Georgia Institute of Technology; USA	
		Figure 8: Data link module with removed side panel; pp 18-37; USA	
		Figure 17: Simulated GPS malfunction, on the ground, 15 sec; 38-52; USA	
		SOMERS; Unmanned Aerial Vehicle - Demonstration of Autonomous Flight, 09-9822; 1999 IR&D Home; pp 1-4; USA	
		FISHELL; Airborne Reconnaissance XXIII; July 1999; pp 2-8; Vol. 3751; SPIE-Int. Soc. Opt; England	

Examiner Signature 	Date Considered 3/14/06
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